

WINTHROP
Cancer Incidence by Sex, 1993 - 1997
Expected and Observed Case Counts, with Standardized Incidence Ratios

| | <u>Exp</u> | <u>Obs</u> | <u>SIR</u> | | <u>Exp</u> | <u>Obs</u> | <u>SIR</u> |
|--|------------|------------|------------|---------------------------------------|------------|------------|------------|
| <u>Bladder, Urinary</u> | | | | <u>Melanoma of Skin</u> | | | |
| Male | 12.36 | 9 | 73 | Male | 7.02 | 12 | 171 |
| Female | 5.48 | 3 | NC* | Female | 6.17 | 9 | 146 |
| Total | 17.84 | 12 | 67 | Total | 13.18 | 21 | 159 |
| <u>Brain and Other Central Nervous System</u> | | | | <u>Multiple Myeloma</u> | | | |
| Male | 3.70 | 2 | NC* | Male | 2.23 | 1 | NC* |
| Female | 3.56 | 3 | NC* | Female | 2.37 | 2 | NC* |
| Total | 7.25 | 5 | 69 | Total | 4.60 | 3 | NC* |
| <u>Breast</u> | | | | <u>Non-Hodgkin's Lymphoma</u> | | | |
| Male | 0.78 | 3 | NC* | Male | 9.41 | 13 | 138 |
| Female | 78.28 | 83 | 106 | Female | 9.66 | 12 | 124 |
| Total | 79.06 | 86 | 109 | Total | 19.07 | 25 | 131 |
| <u>Cervix Uteri</u> | | | | <u>Oral Cavity and Pharynx</u> | | | |
| Female | 4.90 | 6 | 122 | Male | 7.45 | 9 | 121 |
| | | | | Female | 4.19 | 3 | NC* |
| | | | | Total | 11.64 | 12 | 103 |
| <u>Colon / Rectum</u> | | | | <u>Ovary</u> | | | |
| Male | 30.86 | 25 | 81 | Female | 9.30 | 8 | 86 |
| Female | 35.55 | 38 | 107 | | | | |
| Total | 66.41 | 63 | 95 | | | | |
| <u>Esophagus</u> | | | | <u>Pancreas</u> | | | |
| Male | 4.21 | 2 | NC* | Male | 4.51 | 7 | 155 |
| Female | 1.82 | 2 | NC* | Female | 5.69 | 11 | 193 |
| Total | 6.02 | 4 | NC* | Total | 10.20 | 18 | 176 #+ |
| <u>Hodgkin's Disease</u> | | | | <u>Prostate</u> | | | |
| Male | 1.82 | 3 | NC* | Male | 71.24 | 65 | 91 |
| Female | 1.56 | 1 | NC* | | | | |
| Total | 3.38 | 4 | NC* | | | | |
| <u>Kidney and Renal Pelvis</u> | | | | <u>Stomach</u> | | | |
| Male | 6.67 | 6 | 90 | Male | 5.28 | 5 | 95 |
| Female | 4.56 | 4 | NC* | Female | 3.88 | 6 | 155 |
| Total | 11.23 | 10 | 89 | Total | 9.16 | 11 | 120 |
| <u>Larynx</u> | | | | <u>Testis</u> | | | |
| Male | 3.96 | 6 | 151 | Male | 2.68 | 3 | NC* |

| | | | |
|--------|------|---|-----|
| Female | 1.21 | 1 | NC* |
| Total | 5.18 | 7 | 135 |

Leukemia

| | | | |
|--------|------|---|-----|
| Male | 5.04 | 1 | NC* |
| Female | 4.37 | 5 | 114 |
| Total | 9.41 | 6 | 64 |

Liver and Intrahepatic Bile Ducts

| | | | |
|--------|------|---|-----|
| Male | 2.31 | 4 | NC* |
| Female | 1.16 | 3 | NC* |
| Total | 3.47 | 7 | 202 |

Lung and Bronchus

| | | | |
|--------|-------|----|--------|
| Male | 37.61 | 42 | 112 |
| Female | 31.83 | 44 | 138 #+ |
| Total | 69.44 | 86 | 124 |

Thyroid

| | | | |
|--------|------|---|-----|
| Male | 1.37 | 0 | NC* |
| Female | 3.93 | 2 | NC* |
| Total | 5.30 | 2 | NC* |

Uteri, Corpus and Uterus, NOS

| | | | |
|--------|-------|----|-----|
| Female | 14.86 | 15 | 101 |
|--------|-------|----|-----|

All Sites / Types

| | | | |
|--------|--------|-----|-----|
| Male | 237.08 | 237 | 100 |
| Female | 253.85 | 280 | 110 |
| Total | 490.93 | 517 | 105 |

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

Obs = observed case count

SIR = standardized incidence ratio [(**Obs** / **Exp**) X 100]

* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

indicates statistical significance at the $p \leq 0.05$ level

~ indicates statistical significance at the $p \leq 0.01$ level, as well as at the $p \leq 0.05$ level

^ indicates statistical significance at the $p \leq 0.001$ level, as well as at the $p \leq 0.05$ and $p \leq 0.01$ levels